Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Due Friday 3.14.14**

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| --- | --- | --- | --- | --- |
| Use the Pythagorean Theorem | Write a rule for the table y=\_\_x + \_\_\_\_ | Write a rule for each situation | Use formula sheet | Solve for x |
| a=6  b=7  c= | I:\graph_661_q.png  Y= | John makes$ 50 per week at the gas station and $2.00 for each car he washes.  Y=\_\_\_x + \_\_\_\_ | Find the interest for a loan of $500 for 3 years at 6.5%  I=\_\_\_\_\_\_\_\_\_\_ | 2x+6= -18 |
| A=2  B=4  C= | **I:\graph_662_q.png**  **Y=** | The gym charges a $30 fee at sign up and $20 per month.  Y=\_\_\_\_x +\_\_\_\_\_ | Find the circumference of a circle with a diameter of 3 feet  C=\_\_\_\_\_\_\_ | 3x +7 = 5x |
| A=  B=5  C=12 | **I:\graph_663_q.png**  **Y=** | Net Movies charges $6.00 per month to be a member and $1.00 for each movie you rent.  Y=\_\_\_x+\_\_\_\_ | Find the area of a triangle with a base of 6 feet and height of 7 feet.  Area=\_\_\_\_\_\_\_ | 4(x+3) = -24 |
| a=7  b=  c=15 | **I:\graph_665_q.png**  **Y=** | The bowling alley charges $5 to rent shoes and $3.50 per game.  Y= \_\_\_\_x+\_\_\_\_\_ | Find the area of a circle if the diameter is 7 feet.  A=\_\_\_\_\_\_\_\_ | ½ x + 4 = 6 |
| A= 5  B=7  C= | **I:\graph_666_q.png** | The flower shop charges $10 for a standard bouquet and $.75 for each extra flower.  Y=\_\_\_\_x+\_\_\_\_ | 6m=\_\_\_\_\_km | -6(x+2x) =-16 |